

This is a codebook for the country year panel dataset employed to run the models and create the figures used in “The Fiscal Roots of Financial Underdevelopment,” as well as some of the models and figures in the supplementary appendix. Below, I list each variable name, define and describe it, and list its sources, if any.

cocodecow: this is the Correlates of War country identifier

wbcode: this is the World Bank country identifier

wbcodeMEN: this is a version of the World Bank country identifier that is a number instead of 3 letter country name abbreviation. It is used to declare the data a panel dataset

year: this is the year

Directed_Credit: Credit by domestic money banks to the government and state-owned enterprises as a percentage of GDP. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Net_Interest_Margin: The accounting value of banks' net interest revenue as a share of their interest-bearing assets: $((\text{Interest Returns} - \text{Interest Expenses}) / \text{Total Earning Assets})$. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Return_Bank_Assets: Commercial banks' net income to yearly averaged total assets. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Bank_Overhead_Costs: Accounting value of banks' overhead costs as a share of their interest-bearing assets: $(\text{Overhead Costs} / \text{Total Earning Assets})$. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Liquidity: Liquid liabilities as a percent of GDP. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Private_Credit: The credit made available by deposit taking banks is operationalized as a percentage of GDP. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Market_Power: This is the Lerner Index. This is a measure of market power in the banking market that compares output pricing and marginal costs—namely, the markup. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

Total_Taxes_GDP: Total taxation from direct and indirect sources. Namely, taxes on income, profits and capital gains; payroll and workforce; property; goods and services; international trade/transactions; and other taxes. Sources: for GDP, the denominator, it is the World Bank Development Indicators (WBDI). The sources for total taxation, the numerator, vary by country. The general sources used are:

- A. The International Monetary Fund (IMF) Government Finance Statistics Yearbook (GFSY), hardcover edition, various years.
- B. The International Monetary Fund (IMF) Government Finance Statistics Yearbook (GFSY), CD-ROM edition (1972 to 1989).
- C. The International Monetary Fund (IMF) Government Finance Statistics Yearbook (GFSY), online edition.
- D. The Global Development Network Growth Database, Government Finance Series.
- E. The World Bank Development Indicators, Online edition.
- F. The Organization for Economic Cooperation and Development (OECD) Factbook-Statistics, online edition.
- G. The Economist Intelligence Unit (EIU) Country Reports, various
- H. The IMF Country Reports, various.

The sources used for each country are listed below:

Afghanistan IMF GFSY CD and Online Version
 Albania IMF GFSY CD and Online Version
 Algeria Statistical Yearbook of Algeria and IMF Online Version
 Angola EIU Country Report, IMF Staff Country Report and IMF Online Version
 Argentina IMF GFSY CD and Online Version
 Armenia IMF GFSY CD and Online Version
 Australia OECD
 Austria OECD
 Azerbaijan IMF GFSY CD and IMF Online Version
 Bahrain IMF GFSY CD and IMF Online Version
 Bangladesh IMF GFSY CD and IMF Online Version
 Belarus IMF GFSY CD and IMF Online Version
 Belgium OECD
 Benin IMF GFSY CD and IMF Online Version
 Bhutan IMF GFSY CD and IMF Online Version
 Bolivia IMF GFSY CD and IMF Online Version
 Bosnia and Herzegovina IMF GFSY CD and IMF Online Version
 Botswana IMF GFSY CD and IMF Online Version
 Brazil IMF GFSY CD and IMF Online Version
 Bulgaria IMF GFSY CD and IMF Online Version
 Burkina Faso Global Development Network Growth Database and IMF Online Version
 Burundi IMF GFSY CD and IMF Online Version
 Cambodia IMF GFSY CD and IMF Online Version
 Cameroon IMF GFSY CD and IMF Online Version
 Canada OECD
 Central African Republic IMF GFSY CD and IMF Online Version
 Chad Global Development Network Growth Database and IMF Online Version
 Chile IMF GFSY CD and IMF Online Version
 China IMF GFSY CD and IMF Online Version
 Colombia IMF GFSY CD and IMF Online Version
 Comoros IMF GFSY CD and IMF Online Version

Congo Global Development Network Growth Database and IMF Online Version
 Congo, Democratic Republic Global Development Network Growth Database and IMF Online Version
 Costa Rica IMF GFSY CD and IMF Online Version
 Cote d'Ivoire Global Development Network Growth Database and IMF Online Version
 Croatia IMF GFSY CD and IMF Online Version
 Cuba IMF GFSY CD and IMF Online Version
 Cyprus IMF GFSY CD and IMF Online Version
 Czech Republic OECD
 Czechoslovakia Global Development Network Growth Database
 Denmark OECD
 Djibouti Global Development Network Growth Database and IMF Online Version
 Dominican Republic IMF GFSY CD and IMF Online Version
 Ecuador Ministerio de Finanzas de Ecuador
 Egypt IMF GFSY CD and IMF Online Version
 El Salvador IMF GFSY CD and IMF Online Version
 Equatorial Guinea IMF GFSY CD and Republic of Equatorial Guinea Statistical Appendix
 Eritrea IMF GFSY CD and IMF Online Version
 Estonia IMF GFSY CD and IMF Online Version
 Ethiopia Global Development Network Growth Database and IMF Online Version
 Fiji IMF GFSY CD and IMF Online Version
 Finland OECD
 France OECD
 Gabon Global Development Network Growth Database and IMF Online Version
 Gambia IMF GFSY CD and IMF Online Version
 Georgia IMF GFSY CD and IMF Online Version
 Germany OECD
 Ghana IMF GFSY CD and IMF Online Version
 Greece IMF GFSY CD and IMF Online Version
 Guatemala IMF GFSY CD and IMF Online Version
 Guinea IMF GFSY CD and IMF Online Version
 Guinea-Bissau IMF GFSY CD and IMF Online Version
 Guyana IMF GFSY CD and IMF Online Version
 Haiti IMF GFSY CD and IMF Online Version
 Honduras IMF GFSY CD and IMF Online Version
 Hungary IMF GFSY CD and IMF Online Version
 India IMF GFSY CD and IMF Online Version
 Indonesia IMF GFSY CD, Indonesian Financial Statistics and IMF Online Version
 Iran IMF GFSY CD and IMF Online Version
 Iraq IMF GFSY CD and IMF Online Version
 Ireland IMF GFSY CD and IMF Online Version
 Israel IMF GFSY CD and IMF Online Version
 Italy OECD
 Jamaica IMF GFSY CD and IMF Online Version
 Japan OECD
 Jordan IMF GFSY CD and IMF Online Version

Kazakhstan IMF GFSY CD and IMF Online Version
 Kenya IMF GFSY CD and IMF Online Version
 Korea, North IMF GFSY CD and IMF Online Version
 Korea, South OECD
 Kuwait IMF GFSY CD and IMF Online Version
 Kyrgyzstan IMF GFSY CD and IMF Online Version
 Laos IMF GFSY CD and IMF Online Version
 Latvia IMF GFSY CD and IMF Online Version
 Lebanon IMF GFSY CD and IMF Online Version
 Lesotho Global Development Network Growth Database and IMF Online Version
 Liberia IMF GFSY CD and IMF Online Version
 Libya IMF GFSY CD and IMF Online Version
 Lithuania IMF GFSY CD and IMF Online Version
 Macedonia IMF GFSY CD and IMF Online Version
 Madagascar IMF GFSY CD and IMF Online Version
 Malawi IMF GFSY CD and IMF Online Version
 Malaysia IMF GFSY CD and IMF Online Version
 Mali IMF GFSY CD and IMF Online Version
 Mauritania Global Development Network Growth Database and IMF Online Version
 Mauritius Global Development Network Growth Database and IMF Online Version
 Mexico Instituto Nacional de Estadística y Geografía
 Moldova IMF GFSY CD and IMF Online Version
 Mongolia IMF GFSY CD and IMF Online Version
 Morocco IMF GFSY CD and IMF Online Version
 Mozambique IMF GFSY CD and IMF Online Version
 Myanmar IMF GFSY CD and IMF Online Version
 Namibia IMF GFSY CD and IMF Online Version
 Nepal IMF GFSY CD and IMF Online Version
 Netherlands OECD
 New Zealand OECD
 Nicaragua IMF GFSY CD and IMF Online Version
 Niger IMF GFSY CD and IMF Online Version
 Nigeria IMF GFSY Hardcover Version, Global Development Network Growth D.B.
 Norway OECD
 Oman IMF GFSY CD and IMF Online Version
 Pakistan (-1971) IMF GFSY CD and IMF Online Version
 Panama IMF GFSY CD and IMF Online Version
 Papua New Guinea IMF GFSY CD and IMF Online Version
 Paraguay IMF GFSY CD and IMF Online Version
 Peru IMF GFSY CD and IMF Online Version
 Philippines IMF GFSY CD and IMF Online Version
 Poland Global Development Network Growth Database and OECD
 Portugal OECD
 Qatar IMF GFSY CD and IMF Online Version
 Romania IMF GFSY CD and IMF Online Version
 Russia Global Development Network Growth Database and IMF Online Version

Rwanda IMF GFSY CD and IMF Online Version
 Saudi Arabia IMF GFSY CD and IMF Online Version
 Senegal IMF GFSY CD and IMF Online Version
 Serbia RB IMF GFSY CD and IMF Online Version
 Sierra Leone IMF GFSY CD and IMF Online Version
 Singapore IMF GFSY CD and IMF Online Version
 Slovakia IMF GFSY CD and IMF Online Version
 Slovenia IMF GFSY CD and IMF Online Version
 Solomon Islands IMF GFSY CD and IMF Online Version
 Somalia IMF GFSY CD and IMF Online Version
 South Africa IMF GFSY CD and IMF Online Version
 Spain OECD
 Sri Lanka IMF GFSY CD and IMF Online Version
 Sudan IMF GFSY CD and IMF Online Version
 Suriname Global Development Network Growth Database and IMF Online Version
 Swaziland IMF GFSY CD and IMF Online Version
 Sweden OECD
 Switzerland OECD
 Syria IMF GFSY CD and IMF Online Version
 Taiwan IMF GFSY CD and IMF Online Version
 Tajikistan IMF GFSY CD and IMF Online Version
 Tanzania Global Development Network Growth Database and IMF Online Version
 Thailand IMF GFSY CD and IMF Online Version
 Timor-Leste WBDI
 Togo IMF GFSY CD and IMF Online Version
 Trinidad and Tobago Central Bank of Trinidad and Tobago
 Tunisia IMF GFSY CD and IMF Online Version
 Turkey IMF GFSY CD and OECD
 Turkmenistan IMF GFSY CD and IMF Online Version
 Uganda IMF GFSY CD and IMF Online Version
 Ukraine IMF GFSY CD and IMF Online Version
 United Arab Emirates IMF GFSY CD and World Bank Development Indicators
 United Kingdom IMF GFSY CD and IMF Online Version
 United States OECD
 Uruguay IMF GFSY CD and IMF Online Version
 Uzbekistan IMF GFSY CD and IMF Online Version
 Venezuela IMF GFSY CD and Gobierno Central Presupuestario de Venezuela
 Vietnam IMF GFSY CD and IMF Online Version
 Yemen IMF GFSY CD and IMF Online Version
 Yugoslavia IMF GFSY CD and IMF Online Version
 Zambia IMF GFSY CD, Zambian Central Bank and IMF Online Version
 Zimbabwe Global Development Network Growth Database and IMF Online Version

icrg_qog: Indicator of Quality of Government. This is the average of the Corruption, Law and Order, and Bureaucracy indexes. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard

Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from Political Risk Services.

Wdi_oilrent: labeled Oil_Rents, this is the value of crude oil production (world prices) - production costs. In percent of GDP. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the World Bank Development Indicators (WBDI).

Wdi_gdpr: labeled Economic_Growth, this is the growth rate in % of GDP in 2005 dollars. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the WBDI.

Wdi_cgovd: labeled Government_Debt, this is Total domestic and foreign stock of central govt. liabilities % GDP. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the WBDI.

Wdi_fdiin: labeled FDI, this is Net inflows of Foreign Direct Investment % GDP. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the WBDI.

H_f: labeled Federalism, this is a binary variable for whether there are independent Sub-federal Units with fiscal power. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from Henisz (2014).

P_polity2: labeled Regime_Type, this is an ordinal variable that is the combination of Democracy and Autocracy Scores. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from Marshall and Jaggers (2008).

Wdi_merchtrade: labeled Trade_Openness, this is Merchandise exports + imports % GDP. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the WBDI.

Wdi_manvagdp: labeled Manufacturing, this is Value Added in Manufacturing % GDP. Source: Teorell, Jan, Stefan Dahlberg, Sören Holmberg, Bo Rothstein, Felix Hartmann & Richard

Svensson. 2015. The Quality of Government Standard Dataset, version Jan15. University of Gothenburg: The Quality of Government Institute. Taken by this source from the WBDI.

entrybarriers: labeled Entry_Barriers, this measures entry barriers to the financial system. This is an ordinal index that runs from 0 to 3; higher values denote fewer barriers to entry. Source: Abdul Abiad, Enrica Detragiache, and Thierry Tressel. 2008. "A New Database of Financial Reforms."

inflationavgindex: labeled Inflation, is an index, with 2005 = 100, of the Average Consumer Price Inflation over the calendar year. Source: Beck, Demirgüç-Kunt and Levine (2013). "Financial Structure and Development Dataset."

assassinations: labeled Political Assassinations, is, according to Banks, "any politically motivated murder or attempted murder of a high government official or politician." Source: Banks, Arthur. 2009. "Cross-National Time-Series Data Archive." SUNY Binghamton.

assassinations_64_76: the number of political assassinations that occurred between 1964 and 1976. Source: Banks, Arthur. 2009. "Cross-National Time-Series Data Archive." SUNY Binghamton.

assassinations_51-63: the number of political assassinations that occurred between 1951 and 1963. Source: Banks, Arthur. 2009. "Cross-National Time-Series Data Archive." SUNY Binghamton.